

ABSTRACT

The present invention presents a thermoplastic elastomer that exhibits superior moisture permeability, excellent flexibility and mechanical properties at a high temperature, particularly settling resistance at a high temperature, and excellent moisture permeability. The thermoplastic elastomer includes, as a constituting unit, a polyether component (A) and a polyester component (B), wherein the polyether component (A) includes poly-oxyalkylene groups ($-C_nH_{2n}O-$) having a carbon/oxygen atomic ratio in a range from 2.0 to 2.5, the polyester component (B) has a number-average molecular weight in a range from 500 to 10,000, the thermoplastic elastomer has a content of polyether component (A) in a range from 50 to 95 weight %, and the thermoplastic elastomer has a glass transition temperature of not more than -20°C .